

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of September 25, 2009 at 4pm

Highlights

[The University of Toronto Centre for Bioethics. Ethics and Pandemic Influenza White Paper series.](#)

The series consists of nine articles covering ethical issues likely to arise in the second wave of the H1N1 flu pandemic. Topics include the duty of healthcare workers to work during a pandemic, limits on individual freedom, government responsibilities in vaccination programs, allocation of limited medical resources; and rich countries' obligation to share resources with poor countries. The papers are based on academic and public opinion research. **The webcasts of the series' presentation are available at: <http://www.canprep.ca/>**

[PAHO/WHO launches two communities of practice \(CoPs\) related to the Pandemic \(H1N1\) 2009](#)

CDC-[National Obstetric Grand Rounds: Pandemic \(H1N1\) 2009 Influenza and Pregnancy](#) on September 29, 2009

WHO: [Antiviral use and the risk of drug resistance Pandemic \(H1N1\) 2009 briefing note 12](#)

WHO encourages clinicians to be alert to two situations that carry a high risk for the emergence of viruses resistant to oseltamivir. The risk of resistance is considered higher in patients with severely compromised or suppressed immune systems who have prolonged illness, have received oseltamivir treatment (especially for an extended duration), but still have evidence of persistent viral replication. The risk of resistance is also considered higher in people who receive oseltamivir for so-called "post-exposure prophylaxis" following exposure to another person with influenza, and who then develop illness despite taking oseltamivir. In both of these clinical situations, health care staff should respond with a high level of suspicion that oseltamivir resistance has developed. Laboratory investigation should be undertaken to determine whether resistant virus is present and appropriate infection control measures should be implemented or re-enforced to prevent spread of the resistant virus.

UK Department of Health: [Dosage of oseltamivir in children under one year of age with swine flu](#)

HHS Agency for Healthcare Research and Quality (AHRQ). [Mass Medical Care with Scarce Resources: The Essentials.](#)

In the literature

[Parental attitude toward influenza A\(H1N1\)v vaccination in Italy](#)

[Public Willingness to Take a Vaccine or Drug Under Emergency Use Authorization during the 2009 H1N1 Pandemic.](#)

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United States

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[Center for Infectious Disease Research & Policy](#)
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Europe

[United Kingdom's Health Protection Agency \(HPA\)](#)
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[European Centre for Disease Control and Prevention \(ECDC\)](#)
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[World Health Organization \(WHO\)](#)
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Events

Current / Upcoming

- [SEP 29] National Obstetric Grand Rounds: Pandemic (H1N1) 2009 Influenza and Pregnancy
Speakers: Sonja Rasmussen, MD MS
Denise Jamieson, MD MPH
Kevin Ault, MD
Date: Tuesday, September 29, 2009
There will be two sessions of this COCA Call: 8am – 9am ET & 11am – 12pm ET
Call-in number: 800-369-2199 | Passcode: 5382779
The PowerPoint Presentation will be available on the COCA website on September 28th: <http://emergency.cdc.gov/coca/callinfo.asp>

Archived

- [SEP 25] Public Health Agency of Canada update on the H1N1 flu virus.
Webcast of media briefing: http://www.phac-aspc.gc.ca/alert-alerte/h1n1/h1n1_webcast-eng.php
- [SEP 23] [Social Media and Technology Breakthroughs: H1N1 and Seasonal Flu Communication](#)
Free Webinar to Discuss Using Social Media to Plan and Communicate for Flu
- [SEP 23] [Planning for an Influenza Pandemic in the Home Health Care Sector \(Web Conference\)](#)
To showcase resources that can support emergency preparedness planning within AHRQ will host a Web conference on September 23, 2009.
- [SEP 22-23] [Keeping the World Working During the H1N1 Pandemic: Protecting Employee Health, Critical Operations, and Customer Relations \(Minneapolis, MN\)](#)
- [SEP 16] [COCA Conference Call: Pediatric issues related to the CDC Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)
Slides: [PowerPoint](#) (5MB, 42 slides)
Summary: [Interim Transcript](#) (101 KB, 32 pages)
- [ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)
- September 8: Rear Admiral Anne Schuchat (CDC) gives a briefing on updated recommendations on the use of antivirals as well as an update on the H1N1 (swine) flu.
- [ARCHIVED] [Know what to do about the flu](#) : webcast series from the U.S flu.gov
- September 9: Parents and Child Care Providers

Ministry of Health and Long-Term Care (MOHLTC)

[SEP 18] [Ontario Influenza Bulletin: Surveillance Week 36 \(Sep 6 – Sep 12\)](#)

- Overall, influenza activity in Ontario was similar compared to the previous week.
- Slightly fewer patients reporting influenza-like symptoms consulted sentinel physicians this week than the previous week.
- The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was slightly above the average rate expected at this time of year.
- Health units reported either sporadic activity or no influenza activity for the current reporting week.
- There are 4,062 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS) as of September 12, 2009.

As of September 16:

- 23 deaths have been reported among confirmed H1N1 cases.
- 17 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on September 16, a number of whom have underlying medical conditions. 353 other people have been hospitalized and have since been discharged.
- A fewer number of hospitalized cases were reported this week compared to last week. No new deaths among cases were reported this week.

[ARCHIVED] [Previous MOHLTC updates and news conference video footage](#)

Important Health Notices

[Last H1N1 update was August 18](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

[SEP 23] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 18, 2009)

[ARCHIVED] [Swine influenza outbreak page](#)

Public Health Agency of Canada (PHAC)

PHAC issues national updates on H1N1-associated deaths on Tuesdays and Thursdays at 4 pm, and will report regularly on any unusual outbreaks or clusters of illness.

[SEP 24] [Respiratory Virus Infections Detected](#)

[SEP 24] [Deaths Associated with H1N1 flu virus in Canada](#)
No deaths reported since last update, 78 deaths in total.

[SEP 23] [FluWatch findings for Week 36 \(week ending Sep 12\)](#)

- Week 35 marks the start of the 2009-2010 Influenza Season
- The overall trend of influenza activity remains similar to the previous week. However, the national ILI consultation rate increased to 23 consultations per 1,000 this week which is within the range of expected level at this time of the



year. The peak period of Pandemic (H1N1) 2009 occurred in the first three weeks of June.

- The intensity of Pandemic (H1N1) infection 2009 in the population is low to moderate with a small number of hospitalizations (n=15) and two deaths reported this week. As of September 12, 2009, a total of 1,459 hospitalized cases, 288 cases admitted to an intensive care unit (ICU) and 76 deaths had been reported since the beginning of the pandemic.
- While the Pandemic (H1N1) 2009 has spread to all provinces and territories, approximately 90% of hospitalized cases and more than 85% of deaths are reported from 4 provinces (AB, MB, ON, QC). Hospitalized cases were reported from BC, AB, ON, QC and NT this week.
- Children under 2 years of age, pregnant women, persons under 65 years of age with underlying medical conditions and Aboriginal populations have higher rates of hospitalization and greater risk of severe outcomes (ICU admission and death). Aboriginal communities have more pregnant women, young children, and underlying chronic disease than the general Canadian population, which may explain the disproportionate number of severe cases in this population.

[ARCHIVED] [Previous PHAC documents and updates](#)

Centers for Disease Control and Prevention (CDC) and US Department of Health and Human Services

CDC reports the total number of H1N1 hospitalizations and deaths each Friday.



[SEP 25] [Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists](#)

September 13- September 19:

- Influenza and Pneumonia Syndrome: 8,392 hospitalized, 822 deaths
- Influenza Laboratory-tests: 690 hospitalized, 114 deaths
- Total: 10,082 hospitalizations and 936 deaths



[SEP 25] [Weekly FluView Map and Surveillance Report for Week Ending September 19, 2009](#)

During week 36 (September 13-19, 2009), influenza activity remained stable in the United States; however, there were still higher levels of influenza-like illness than is normal for this time of year.



[SEP 25] [2009 H1N1 Flu: International Situation Update](#)

- The 2009 H1N1 influenza virus is the predominant influenza virus in circulation worldwide in most countries worldwide.
- The epidemiology of disease caused by 2009 H1N1 influenza in the Southern Hemisphere is very similar to that described in the United States in the spring of 2009.
- There have been no significant changes detected in the 2009 H1N1 influenza viruses isolated from persons in the Southern Hemisphere as compared to viruses isolated from persons in the Northern Hemisphere.
- In August, a White House report was prepared by the Department of Health and Human Services (HHS) in coordination with the Office of the Director for National Intelligence (ODNI) and the Department of State (DoS) and describes the characteristics and impact of 2009 H1N1 influenza A virus in the Southern Hemisphere. The full report can be accessed by the link provided in the Reports and Publications section below.

- As of September 25, 2009, WHO reported that more than 10,000 2009 H1N1 influenza isolates worldwide were tested and found to be sensitive to oseltamivir, an antiviral medicine used to treat influenza disease. Only 28 2009 H1N1 isolates tested have been found to be resistant to oseltamivir – 11 of these isolates were detected in the United States.
- On September 18, 2009, the United States, together with Australia, Brazil, France, Italy, New Zealand, Norway, Switzerland and the United Kingdom, announced plans to donate pandemic vaccine to the developing world.



[SEP 25] [Update: Translations for Action Steps for Parents if School is Dismissed or Children are Sick and Must Stay Home](#)



[SEP 25] [Update: Translations for Preparing for the Flu: A Communication Toolkit for Institutions of Higher Education](#)



[SEP 25] [Update: Translations for Emergency Use Authorization of Tamiflu \(oseltamivir\)](#)



[SEP 25] [Update: Translations for Action Steps for Parents to Protect Your Child and Family from the Flu this School Year](#)



[SEP 25] [Update: Translations for Action Steps for Parents of Children at High Risk for Flu Complications](#)

[SEP 23] [H1N1 Flu \(Swine Flu\): Preparedness Tools for Professionals](#)

[SEP 23] [CDC launches H1N1 flu mobile texting update \[pilot\]](#)

[SEP 22] [2009-2010 Influenza Season: Information for Pharmacists](#)

[SEP 22] [Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

- [Questions & Answers: Antiviral Drugs, 2009-2010 Flu Season](#)

[SEP 21] [Updated: Questions & Answers Novel H1N1 Influenza Vaccine](#)

[SEP 21] [H1N1 Clinicians Questions and Answers](#)

[SEP 18] [Updated Interim Recommendations for Obstetric Health Care Providers Related to Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

[ARCHIVED] [Previous CDC documents and updates](#)

Other US Sources



[SEP 24] [HHS Agency for Healthcare Research and Quality \(AHRQ\). Mass Medical Care with Scarce Resources: The Essentials.](#)

- [SEP 24] [H1N1 Flu: A Guide for Community and Faith-based](#)
- [SEP 21] [DHHS Office of Inspector General report on pandemic preparedness and medical surge](#)
- [SEP 21] [DHHS Office of Inspector General report on pandemic preparedness and vaccine and antiviral distribution](#)
- [SEP 21] National Institute of Allergy and Infectious Diseases -[Early Results: In Children, 2009 H1N1 Influenza Vaccine Works Like Seasonal Flu Vaccine](#)

Center for Infectious Disease Research and Policy



- [SEP 24] [Unpublished Canadian data on seasonal flu shots and H1N1 stir concern](#)

Canadian researchers reportedly have found as-yet-unpublished evidence that people who had a seasonal flu shot last year incurred a higher risk of H1N1 infection, but US and World Health Organization (WHO) officials say they are not aware of any similar findings elsewhere.



- [SEP 24] [US campus flu cases rise 15%](#)

Flu-like illnesses at the nation's colleges rose by 15% from the previous week, according to a surveillance report for the week ending Sep 18 from the American College Health Association (ACHA). The report was based on 7,696 cases at 243 schools. It doesn't specify flu subtype, but federal officials have said 98% of all circulating strains are pandemic H1N1. The number of new infections was highest in New England and some western states, and the pace seemed to slow in some southern states.

- [SEP 24] [WHO picks novel H1N1 for 2010 southern hemisphere flu vaccine](#)

The World Health Organization (WHO) has recommended that seasonal influenza vaccines for use in the southern hemisphere next year contain the pandemic H1N1 virus instead of a current seasonal H1N1 strain, signaling that the pandemic strain is expected to push the older H1N1 strains aside.

- [SEP 24] [Business summit panelists stress practicality to slow flu spread](#)

To mask or not to mask, hand washing versus hand sanitizers, how long to stay away from the workplace if sick with novel H1N1 influenza, tips for travel - these were some of the issues addressed in a panel discussion yesterday during a business preparedness summit in Minneapolis.

- [SEP 23] [US orders 29 million more doses of H1N1 spray vaccine](#)

The US government has ordered another 29 million doses of nasal-spray pandemic H1N1 flu vaccine from MedImmune, the company announced this week.

- [SEP 23] [Quebec may delay or cancel seasonal flu shots](#)

Quebec may delay or shelve its seasonal flu vaccination campaign and concentrate on vaccinating people against pandemic H1N1 instead, CBC News reported today.

[SEP 23] [Scientist: Russia underreporting pandemic flu cases](#)
One of Russia's leading virologists claims that the country is underestimating its number of pandemic H1N1 cases, the *Wall Street Journal* reported today.

[SEP 21] [Updated: Novel H1N1 Influenza \(Swine Flu\)](#)

[ARCHIVED] [Current overview and older updates from CIDRAP](#)

Health Protection Agency (UK)

[SEP 24] [HPA Weekly National Influenza Report](#)

[SEP 24] [HPA weekly pandemic flu media update](#)

- The rates of flu-like illness and related activity have shown further increases in England.
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 16.2 per 100,000 in week 38. Most age groups saw an increase.
- This week, the antiviral collection numbers in the National Pandemic Flu Service have continued to increase and this has been seen in all age groups under 65. Once again, the biggest increase has been seen in the 5-15 year old age group with antiviral collections again doubling from 2,886 to 5,580.
- Interpretation of data to produce estimates on the number of new cases continues to be subject to a considerable amount of uncertainty. HPA modelling gives an estimate of 9,000 new cases in England last week (range 5,000 to 20,000). This is the second weekly increase since week 30. ***This estimate incorporates data from National Pandemic Flu Service and GP consultations.***
- Sharp rises in influenza activity in recent weeks are reported from the USA - concentrated particularly in school age children. Increasing activity has also been reported in a number of European countries, particularly France.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)



[SEP 24] [Authorisation of antiviral medicines - Guidance on the use of FP10SS forms and Antiviral Authorisation Vouchers during the H1N1 \(swine flu\) pandemic in England](#)



[SEP 24] [Dosage of oseltamivir in children under one year of age with swine flu](#)

[ARCHIVE] [DH Pandemic Flu site](#)

European Centre for Disease Prevention and Control (ECDC) and European Society for Clinical Microbiology and Infectious Diseases



- [SEP 25] [ECDC Situation Report for Sep 25](#)
- 606 new cases reported in the EU and EFTA countries, reaching a total of 54119 cases;



- [SEP 25] [Current Pandemic Risk Assessment](#)
- This update is informed by the experience from the Southern Hemisphere's temperate countries during their winter season. Descriptions from those countries suggest that well prepared essential services are not overly taxed by this pandemic in its current form but that there are pressures experienced by hospital services, especially intensive care units. The difference between the experience of most people who are infected by the pandemic virus (mild disease) and the few who experience very severe disease has become more apparent. Planning assumptions (reasonable worst-case scenarios) for clinical attack, hospitalisation and case fatality rates have been reduced. There are a number of indications of there being asymptomatic infections. Moreover, there are descriptions of unusual and very severe clinical conditions experienced by some individuals, especially primary viral pneumonias leading to Acute Respiratory Distress Syndrome (ARDS), as well as single and multiple organ failure. The additional individual risk of severe disease experienced by pregnant women because of infection with the pandemic infection has now been roughly quantified.

- [SEP 18] **UPDATED** [ECDC issues revised planning assumptions for A\(H1N1\) 2009 pandemic in Europe](#)

- [SEP 15] [ECDC Comment on first published trials of specific pandemic vaccines: Immune responses after one or two doses of monovalent unadjuvanted and adjuvanted influenza A \(H1N1\) 2009 vaccines](#)

- [SEP 18] [European Influenza Surveillance Network: Weekly electronic bulletin Week 37](#)
- Only three of 20 countries reported ILI/ARI activity above their baseline levels.
 - 96% of virus detections from sentinel physicians during week 37 were influenza A(H1N1) 2009
 - Seven SARI cases were reported by the Netherlands

- [ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

European Union

- [SEP 25] [EMA gives positive opinions for authorisation of two pandemic influenza vaccines](#)
- [SEP 22] [WHO Regional Committee for the Eastern Mediterranean - Special Session of the Regional Committee on Pandemic \(H1N1\) 2009](#)
- [SEP 21] [Citizens' summary - Combating H1N1 flu pandemic in the EU - Commission communication](#)

[ARCHIVE] [European Union Influenza H1N1 page](#)

World Health Organization (WHO)

WHO no longer issues the global tables showing the numbers of confirmed cases for all countries. Regular updates describing the situation in the newly affected countries are provided.



[SEP 25] [Pandemic \(H1N1\) 2009 - update 67](#)

- As of 20 September 2009, there have been more than 300,000 laboratory confirmed cases of pandemic influenza H1N1, 3917 deaths, in 191 countries and territories reported to WHO.
- All pandemic H1N1 2009 influenza viruses analyzed to date have been antigenically and genetically similar to A/California/7/2009-like pandemic H1N1 2009 virus.
- In the temperate regions of the northern hemisphere, influenza-like-illness (ILI) activity continues to increase in many areas. In the tropical regions of the Americas and Asia, influenza activity remains variable. Although most countries in the tropical regions of the Americas are still reporting regional to widespread geographic spread of influenza activity, there is no consistent pattern in the trend of respiratory diseases. In the temperate regions of the southern hemisphere, influenza transmission has largely returned to baseline (Chile, Argentina, and New Zealand) or is continuing to decline (Australia and South Africa).



[SEP 25] [Antiviral use and the risk of drug resistance Pandemic \(H1N1\) 2009 briefing note 12](#)

[SEP 24] [Director-General Statement following the fifth meeting of the Emergency Committee](#)

[SEP 24] [Pandemic influenza vaccines: current status](#)
Pandemic (H1N1) 2009 briefing note 11

[SEP 23] [Recommended composition of influenza virus vaccines for use in the 2010 southern hemisphere influenza season](#) :

It is recommended that vaccines for use in the 2010 influenza season (southern hemisphere winter) contain the following:

- an A/California/7/2009 (H1N1)-like virus;
- an A/Perth/16/2009 (H3N2)-like virus;
- a B/Brisbane/60/2008-like virus.

[SEP 21] [Margaret Chan: Remarks at the opening ceremony Regional Committee for Western Pacific \(60th session\)](#)

[ARCHIVED] [WHO H1N1 Guidance Documents](#)

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)



[SEP 25] [PAHO/WHO launches two communities of practice \(CoPs\) related to the Pandemic \(H1N1\) 2009](#)

[SEP 18] [Regional Update for Sep 18: Pandemic \(H1N1\) 2009](#)

17 countries reported updated information to the Pan American Health Organization (PAHO) regarding the qualitative indicators to monitor pandemic (H1N1) 2009. Only those 17 countries were included in this analysis. Presently, 15 countries in the Region report having widespread geographical distribution of influenza virus. Brazil continues to report Regional activity and Dominica continues to report no activity. Honduras, Mexico, Peru, and the United States are the only countries reporting an increasing trend of respiratory disease and this represents change in these countries from last week. Argentina, Bolivia, Brazil, Costa Rica, El Salvador, Panama, and Venezuela, reported a decreasing trend. The other six countries reported an unchanged trend. Regarding the intensity of acute respiratory disease, Bolivia, El Salvador, and Mexico reported high intensity of acute respiratory disease. The remaining 14 countries reported low or moderate intensity. Eight countries (Bolivia, Brazil, Costa Rica, Ecuador, El Salvador, Mexico, United States, and Venezuela) reported moderate impact on health care services, while 8 countries reported low impact. In North America, Mexico and the United States are reporting widespread activity, increasing trend in respiratory disease activity, and moderate impact on healthcare services.

[ARCHIVED] [PAHO Influenza A \(H1N1\) Portal](#)

Australia and New Zealand



[SEP 24] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,559 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 24 September, 178 people have died. Of these deaths, four were pregnant women and 24* (13.55%) were Indigenous.
- There are currently 290 people in hospital around Australia with pandemic (H1N1) 2009. Of these, 11 of the people in hospital are Indigenous Australians. There are 54 people in Intensive Care Units at present.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,778.

[SEP 23] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 152](#)

- There are a total of 3161 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu, compared with 3152 on 23 September.
- The number of deaths from Pandemic Influenza (H1N1) swine flu where swine flu was a primary cause remains at 17. Other deaths are being investigated by the Coroner's office.
- As at midday today, three people were reported to be in hospital with pandemic Influenza (H1N1) 09 or its complications.

[ARCHIVED] [New Zealand's H1N1 page](#)

[ARCHIVED] [New Pandemic Phase \(PROTECT\) Guidelines](#) [Australia]

pH1N1 Clinical Information

[Ebsco Influenza Portal](#)

Due to Pandemic H1N1 Influenza and concerns about the 2009/2010 flu season, the EBSCO Publishing Medical and Nursing editors of *DynaMed™*, *Nursing Reference Center™* (NRC) and *Patient Education Reference Center™* (PERC) have made key influenza information from these resources freely available to health care providers worldwide. *Contact your library for access.*

Research Articles (1 week backfile)

What's new today, plus a one week backfile. Articles with an asterisk () indicate that a subscription is required to view the full text. Contact your library for access to full text articles.*

[Medline literature search on H1N1](#) (current as of today)



[SEP 25] [The University of Toronto Centre for Bioethics. Ethics and Pandemic Influenza White Paper series.](#)



[SEP 25] [Performance of rapid influenza diagnostic tests during two school outbreaks of 2009 pandemic influenza A \(H1N1\) virus infection -- Connecticut, 2009.](#)

Sabetta J, et al. MMWR. 2009; 58(37):1029-1032



[SEP 25] [Parental attitude toward influenza A\(H1N1\)v vaccination in Italy](#)

Tozzi AE, Gesualdo F, Romano M, Caione D. Vaccine 2009. In Press, Uncorrected Proof, Available online 23 September 2009.



[SEP 25] [Public Willingness to Take a Vaccine or Drug Under Emergency Use Authorization during the 2009 H1N1 Pandemic.](#)

Quinn SC, Kumar S, Freimuth VS, Kidwell K, Musa D. Biosecur Bioterror. 2009. Published online Sep 23.

[SEP 24] [Influenza \(H1N1\) 2009 outbreak and school closure, Osaka Prefecture, Japan](#) [letter].

Kawaguchi R, Miyazono M, Noda T, Takayama Y, Sasai Y, Iso H. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]

[SEP 24] [Preexisting immunity to pandemic \(H1N1\) 2009](#) [letter].

Xing Z, Cardona CJ. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]

[SEP 24] [Serologic survey of pandemic \(H1N1\) 2009 virus, Guangxi Province, China](#) [letter].

Chen H, Wang Y, Liu W, Zhang J, Dong B, Fan X, et al. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]

[SEP 24] [Maximizing the value of drug stockpiles for pandemic influenza](#) [letter].

Li Wan Po A, Farndon P, Palmer N. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]

- [SEP 24] [Performance of Rapid Influenza Diagnostic Tests During Two School Outbreaks of 2009 Pandemic Influenza A \(H1N1\) Virus Infection --- Connecticut, 2009](#)
MMWR Weekly September 25, 2009 / 58(37);1029-1032
- [SEP 24] [Safety and Efficacy of Extended-Duration Antiviral Chemoprophylaxis Against Pandemic and Seasonal Influenza](#)
Khazeni N, Bravata DM, Holty JEC, Uyeki TM, Stave CD, Gould MK. Annals of Internal Medicine. 6 October 2009. 151(7)
- [SEP 24] [Facemasks and Hand Hygiene to Prevent Influenza Transmission in Households A Randomized Trial](#)
Cowling BJ, Chan KH, Fang VJ, Cheng CKY, Fung ROP, Wai W, et al. Annals of Internal Medicine. 6 October 2009. 151(7)
- [SEP 24] CMAJ News : [Pandemic \(H1N1\) 2009 lives in some people for at least eight days](#)
- [SEP 24] [Risk of Confusion in Dosing Tamiflu Oral Suspension in Children Comparative Efficacy of Inactivated and Live Attenuated Influenza Vaccines *](#)
Monto AS, Ohmit SE, Petrie JG, Johnson E, Truscon R, Teich E, Rotthoff J, et al. NEJM 361(13);1260-1267 Sept 24, 2009
- [SEP 24] **EUROSURVEILLANCE**
[Enhanced surveillance of initial cases of pandemic H1N1 2009 influenza in Ireland, April - July 2009.](#)
Martin J, O'Donnell J, Igoe D, O'Hora A, Thornton L, Murphy N, Cullen G, Fitzgerald M, Cotter S, McKeown P, O'Flanagan D, in conjunction with the National Public Health Outbreak Response Team. Euro Surveill. 2009;14(38):pii=19337.
- [Oseltamivir susceptibility in south-western France during the 2007-8 and 2008-9 influenza epidemics and the ongoing influenza pandemic 2009.](#)
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- [SEP 24] [Evaluation of twenty rapid antigen tests for the detection of human influenza A H5N1, H3N2, H1N1, and B viruses. *](#)
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- [SEP 24] [Finding a new drug and vaccine for emerging swine flu: What is the concept? *](#)
Wiwanitkit V. Biologics. 2009;3:377-83. Epub 2009 Sep 15.
- [SEP 24] [Aerosol transmission of influenza A virus: a review of new studies. *](#)
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- [SEP 24] [The US Food and Drug Administration provides a pathway for licensing vaccines for global diseases.](#)
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- [SEP 23] Swine flu. Immunisation choices risk creating local variations. PCTs decide on vaccine priority *
West D, Ford S. Health Serv J. 2009 Aug 20;119(6170):5. No abstract available.
- [SEP 23] [First line of defense. Worries flare about H1N1 vaccinations for workers*](#)
Zigmond J. Mod Healthc. 2009 Aug 31;39(35):12. No abstract available.
- [SEP 23] [A/H1N1 influenza virus passes to birds.*](#)
[No authors listed] Vet Rec. 2009 Aug 29;165(9):248. No abstract available.
- [SEP 23] [Economic analysis of pandemic influenza vaccination strategies in Singapore.](#)
Lee VJ, Tok MY, Chow VT, Phua KH, Ooi EE, Tambyah PA, Chen MI. PLoS One. 2009 Sep 22;4(9):e7108
- [SEP 23] [The feasibility of using high resolution genome sequencing of influenza a viruses to detect mixed infections and quasispecies.](#)
Ramakrishnan MA, Tu ZJ, Singh S, Chockalingam AK, Gramer MR, Wang P, et al. PLoS One. 2009 Sep 22;4(9):e7105.
- [SEP 23] [Why are oseltamivir and zanamivir effective against the newly emerged influenza A virus \(A/H1N1\)? *](#)
Yu K, Luo C, Qin G, Xu Z, Li N, Liu H, et al. Cell Res. 2009 Sep 22. [Epub ahead of print] No abstract available.
- [SEP 23] [Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic.*](#)
Rodriguez CV, Rietberg K, Baer A, Kwan-Gett T, Duchin J. Epidemiology. 2009 Sep 15. [Epub ahead of print]
- [SEP 23] [\[Initial characteristics of the novel A\(H1N1\) pandemic in Argentina.\]*](#)
Bonvehí PE. Medicina (B Aires). 2009;69(4):478-82. Spanish. No abstract available.
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Canadian Business

[ARCHIVED] [H1N1 virus: A Plan for the Worst](#)

Consumer Health Information Resources

[ARCHIVED] [Krames Patient Education Handouts - H1N1 Flu Virus](#)

[ARCHIVED] [MEDLINEplus - H1N1 Flu \(Swine Flu\)](#)

[ARCHIVED] [Specialized Information Service - National Library of Medicine](#)

[ARCHIVED] [Tufts University - \(SPIRAL\) Selected Patient Information in Asian Languages](#)

Clinical and Public Health Practice Tools

[AUG 18] [Infectious Disease Outbreaks: Tools and Strategies for Front-line Clinicians](#)

Created in consultation with front-line clinicians and infectious disease experts from across Canada, this course is evidence-based and focuses on the coordination between clinical care, public health and the laboratory.

[JUNE 15] [Algorithms from 18 US States to Assist in Decisions Regarding Testing and Treatment of H1N1](#)

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[AUG 17] [A comparative study of the 1918-1920 influenza pandemic in Japan, USA and UK: mortality impact and implications for pandemic planning.](#)

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[AUG 28] [Travel Health Notice: Swine Flu in California and Texas](#)

[MAY 19] [Public Health Agency of Canada no longer recommends Canadians postpone elective or non-essential travel to Mexico](#)